

The Seventh Advanced Simulation Training in Mechanical Ventilation (ASTiM7)

Co-organisers:



1. **The Hong Kong Academy of Medicine's Hong Kong Jockey Club Innovative Learning Centre for Medicine**



2. **The Hong Kong Society of Critical Care Medicine (HKSCCM)**



3. **The Hong Kong College of Critical Care Nursing (HKCCCN)**

Venue: 2/F & 7/F, HKAM Jockey Club Building, 99 Wong Chuk Hang Road, Aberdeen, Hong Kong

Time and Date: 0915 – 1700, two identical sessions:

1. Tuesday 30th January 2024
2. Wednesday 31st January, 2024

Target audience: Maximum 30 participants each day (i.e. 60 participants in 2 days), Doctors, Nurses and Allied Health Professionals taking care of patients requiring mechanical ventilation

Course fee:

HK\$4,200 for HA staff

HK\$5,225 for non-HA staff

(Lunch and drinks included)

Educational Objectives:

Enhance knowledge and skills in “Advanced Mechanical Ventilation” through lectures, demonstration, simulation training workshops with the TestChest® Respiratory Flight Simulator, interactions with physician and nurse experts in various specialties including Anaesthesia, Emergency Medicine, Critical Care Medicine and Respiratory Medicine

At the completion of this course, the participants will

- Learn to take care of patients on mechanical ventilation in a multidisciplinary approach involving doctors, nurses and allied health
- Learn the methods of mechanical ventilation: including both invasive and noninvasive ventilation
- Learn the ventilator management methods for ARDS, asthma, COPD
- Learn to deal with complications during mechanical ventilation

Course Organizing Committee

Course consultants

Dr CHEN Phoon Ping	Specialist in Anaesthesiology
Dr LEE Fu Tat	Specialist in Emergency Medicine

Course Director

Dr LAU Chun Wing Arthur	Specialist in Respiratory Medicine
Dr LAM Sin Man Grace	Specialist in Critical Care Medicine

Course Faculty

1.	Dr CHAN King Chung Kenny	Specialist in Intensive Care
2.	Dr CHAN Ka Lee Lily	Specialist in Intensive Care
3.	Prof CHAN Wing Keung David	Professor, School of Health Sciences
4.	Dr CHANG Li Li	Specialist in Critical Care Medicine
5.	Dr LAM Ting Ho Andrew	Specialist in Anaesthesiology
6.	Mr LIU Sing Kwan Benjamin	Advanced Practice Nurse (ICU)
7.	Ms LO Wan Po Joanna	Nurse Consultant (ICU)
8.	Dr NG Chun Kong	Specialist in Respiratory Medicine
9.	Dr SHEK Ka Chung Jack	Specialist in Anaesthesiology
10.	Dr SO Hang Mui	Fellow in Critical Care Nursing (HKCCCN)
11.	Dr TONG Chak Kwan	Specialist in Critical Care Medicine
12.	Mr TSANG Wing Fai Wilson	Advanced Practice Nurse (Ventilator Ward)
13.	Ms WONG Chun Fai	Advanced Practice Nurse (ICU)
14.	Dr WU Ping Penny	Specialist in Intensive Care
15.	Mr YEUNG Kai Jone	Associate Nurse Consultant (ICU)
16.	Dr YEUNG Wai Tak Alwin	Specialist in Respiratory Medicine
17.	Dr YU Suet Ying Judianna	Specialist in Critical Care Medicine

Secretary

Mr PANG Richard

Ms LEE Phoebe

ASTiM7 Programme

Online pre-reading

1. Basics of mechanical ventilation
2. Ventilation in obstructive lung disease
3. Care of patients on invasive mechanical ventilation
4. Lung protective ventilation strategies
5. Respiratory equipment

Time	Duration (mins)	Topic
0845 - 0905	20	Registration opens
0905 – 0915	10	Opening remarks
0915 - 0945	30	Tutorial: Pre-course learning Q&A Tutor: Dr Arthur LAU and all tutors Participants: ALL (N=30)
0945 – 1030	45	Tutorial: Ventilator waveform Tutor: Prof David CHAN Participants: ALL (N=30)
1030 – 1050	20	Tea break + Booth visit + interaction with faculty
1050 – 1200	70	WORKSHOPS (WS) 1, 2 & 3 - concurrent <ul style="list-style-type: none">● WS1 for Group A (N=10)● WS2 for Group B (N=10)● WS3 for Group C (N=10)
1200 – 1300	60	Lunch + Booth visit + interaction with faculty
1300 - 1410	70	WORKSHOPS (WS) 1, 2 & 3 - concurrent <ul style="list-style-type: none">● WS1 for Group C (N=10)● WS2 for Group A (N=10)● WS3 for Group B (N=10)
1410 - 1425	15	Tea break + Booth visit + interaction with faculty
1425 - 1535	70	WORKSHOPS (WS) 1, 2 & 3 - concurrent <ul style="list-style-type: none">● WS1 for Group B (N=10)● WS2 for Group C (N=10)● WS3 for Group A (N=10)
1535 - 1545	10	Break
1545 - 1625	40	Quiz Competition
1625 - 1650	25	Discussion + Q&A session
1650 - 1700	10	Award presentation for quiz winner, group photo + Evaluation

WS1: Demonstration on lung recruitment & PEEP titration, scenario on ARDS & proning

WS2: COPD, waveform analysis

WS3: Asthma, Waveform analysis

Workshop tutors

	D1	D2
WS1: Lung recruitment and PEEP titration, ARDS	Dr Arthur CW LAU Dr Grace SM LAM Prof David CHAN	Dr Arthur CW LAU Dr Grace SM LAM Ms Joanna LO
WS2: COPD, waveform analysis	Dr CK NG Dr CK TONG Mr KJ YEUNG	Dr CK NG Dr CK TONG Mr Wilson TSANG
WS3: Asthma, Waveform analysis	Dr Alwin YEUNG Dr Lili CHANG Mr Benjamin LIU (Observer: Dr Judianna Yu)	Dr Judianna Yu Dr Penny WU Ms CF WONG (observer: Dr HM SO)
Quiz competition	Dr Jack SHEK Dr Lily CHAN Dr Andrew Lam	Dr Jack SHEK Dr Lily CHAN Dr Andrew Lam